

FIG.1

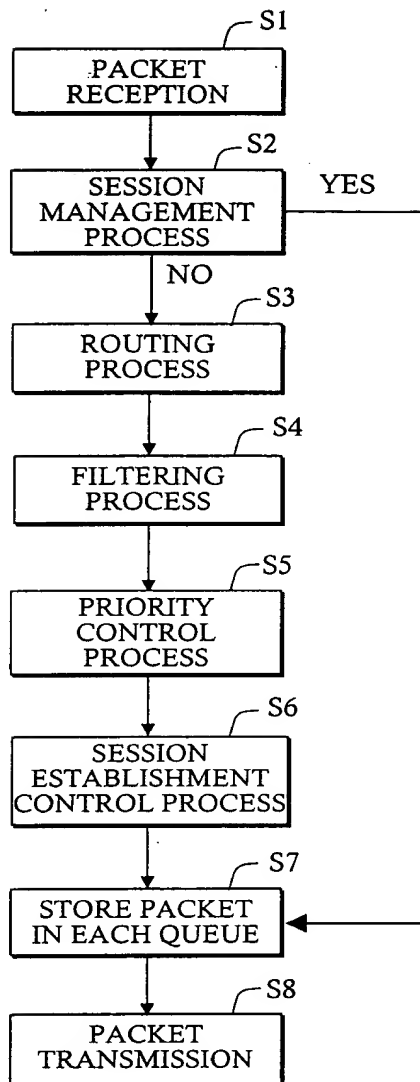


FIG.2

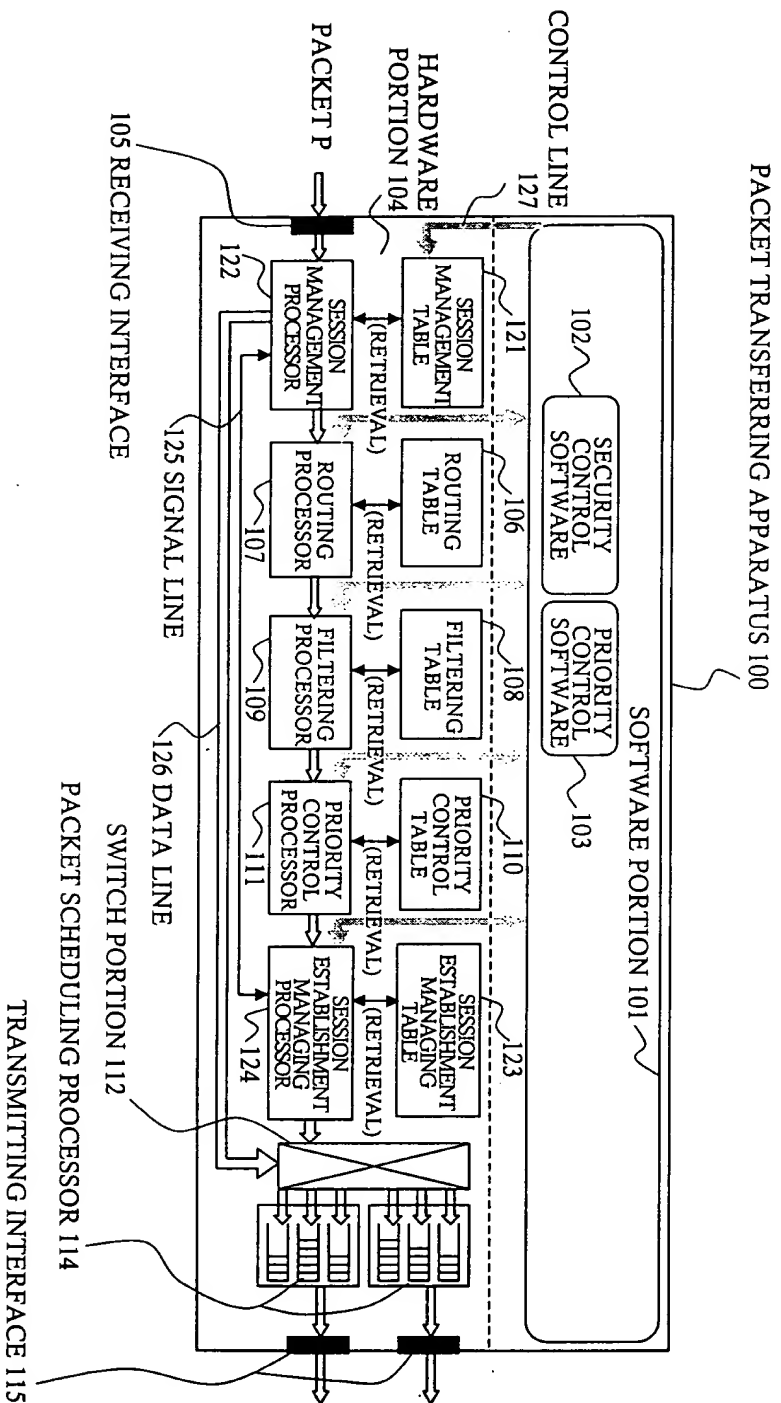


FIG.3A

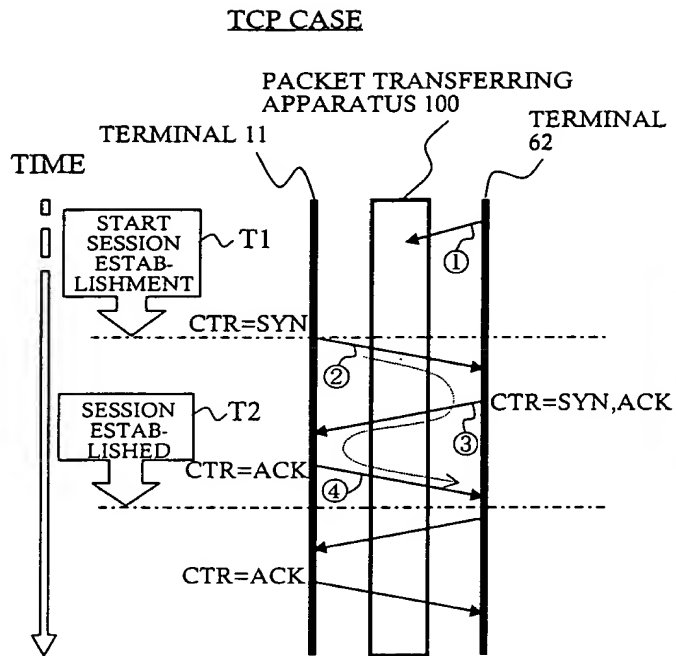


FIG.3B

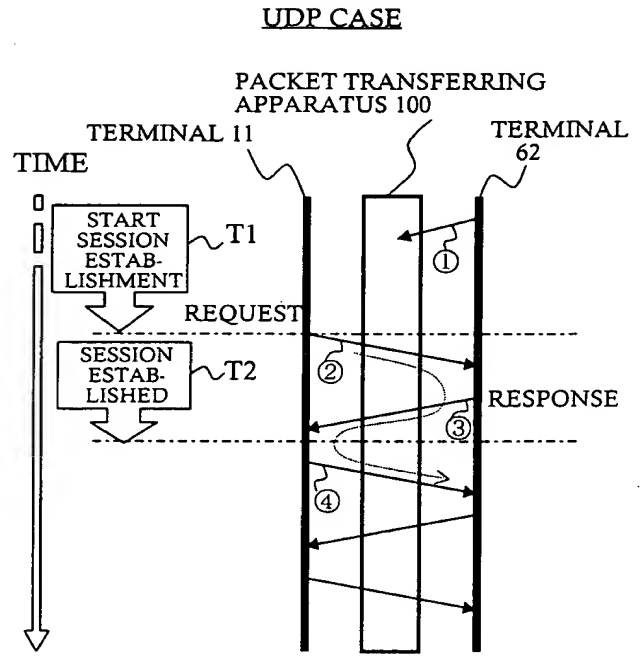


FIG.4A

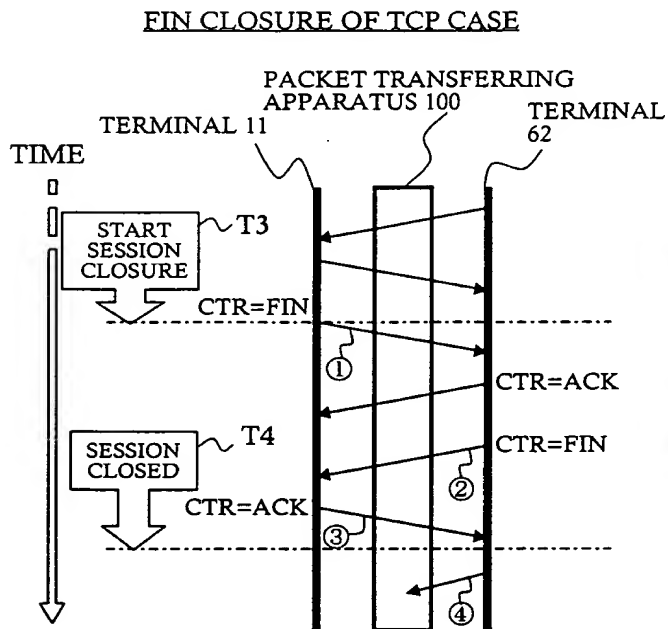


FIG.4B

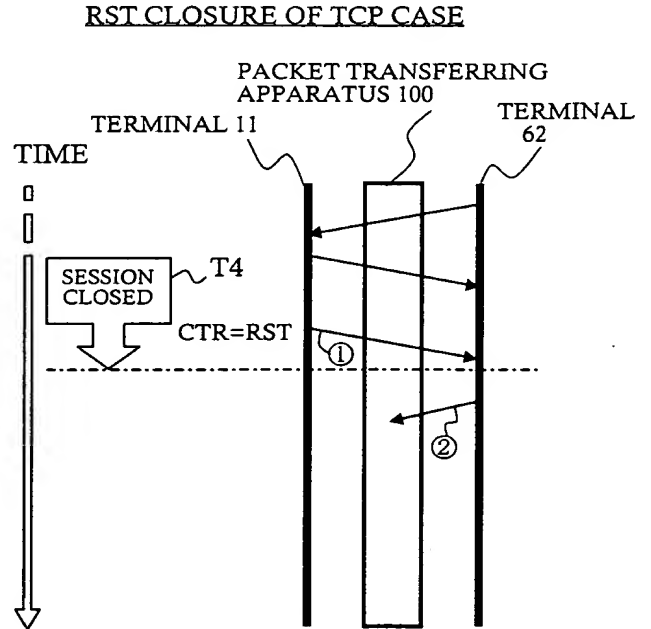


FIG.5A SESSION ESTABLISHMENT CONDITION TABLE

POINTER	PROTO- COL NO.	SOURCE IP ADDRESS	DESTINATION IP ADDRESS	SOURCE PORT NO.	DESTINA- TION PORT NO.	RECEIV- ING INTER- FACE	TRANS- MITTING INTER- FACE	PRIORI- TY DEGREE /TRANS- FER	
→	TCP	192.168.10.0	192.168.60.0		23			7	801
→	UDP				53	IF1		TRANS- FER	802
→	UDP				53	IF2		TRANS- FER	803
→	UDP				53	IF3		TRANS- FER	804
→									
→									

FIG.5B MASK DATA TABLE

→	1	255.255.255.0	255.255.255.0	00...0	11...1	00...0	00...0	805
→	1	0.0.0.0	0.0.0.0	00...0	11...1	11...1	00...0	806
→								
→								
→								

FIG.5C UDP SESSION ESTABLISHMENT DATA TABLE

	DESTINATION PORT NO. AT UDP	REQUEST	
→	53	01...0	807
→			
→			
→			

FIG.5D MASK DATA TABLE

→	11...1
→	
→	

FIG.6

PROTO- COL NO.	SOURCE IP ADDRESS	DESTINATION IP ADDRESS	SOURCE PORT NO.	DESTINA- TION PORT NO.	RECEIV- ING INTER- FACE	TRANSMIT- TING INTERFACE	PRIORITY DEGREE /TRANS- FER	TIME STAMP	FIN COUNT- ER	DESTINA- TION MAC ADDRESS	SOURCE MAC ADDRESS
TCP	192.168.10.1	192.168.60.2	1023	23	IF1	IF4	7	0	0	00:00:....:52	00:00:....:c0

901

0052134-004900

FIG.7

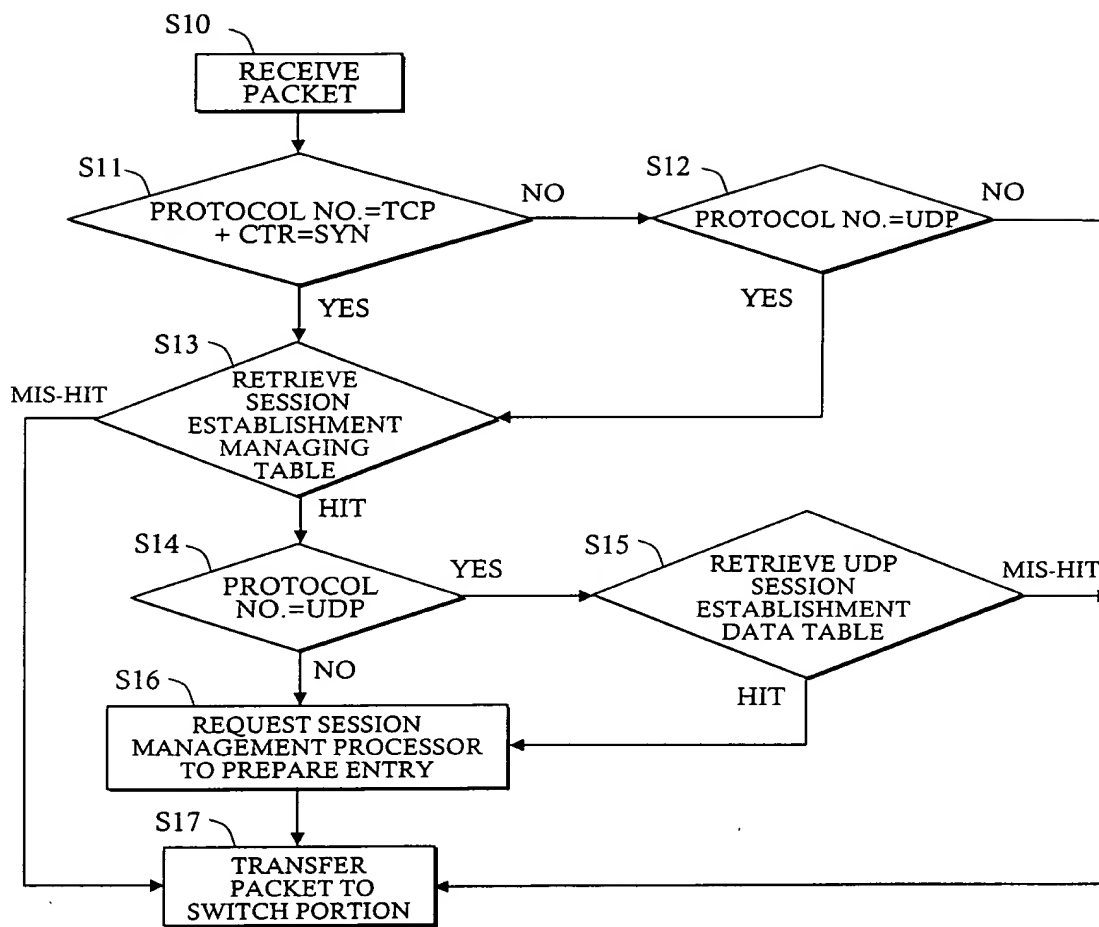


FIG. 8

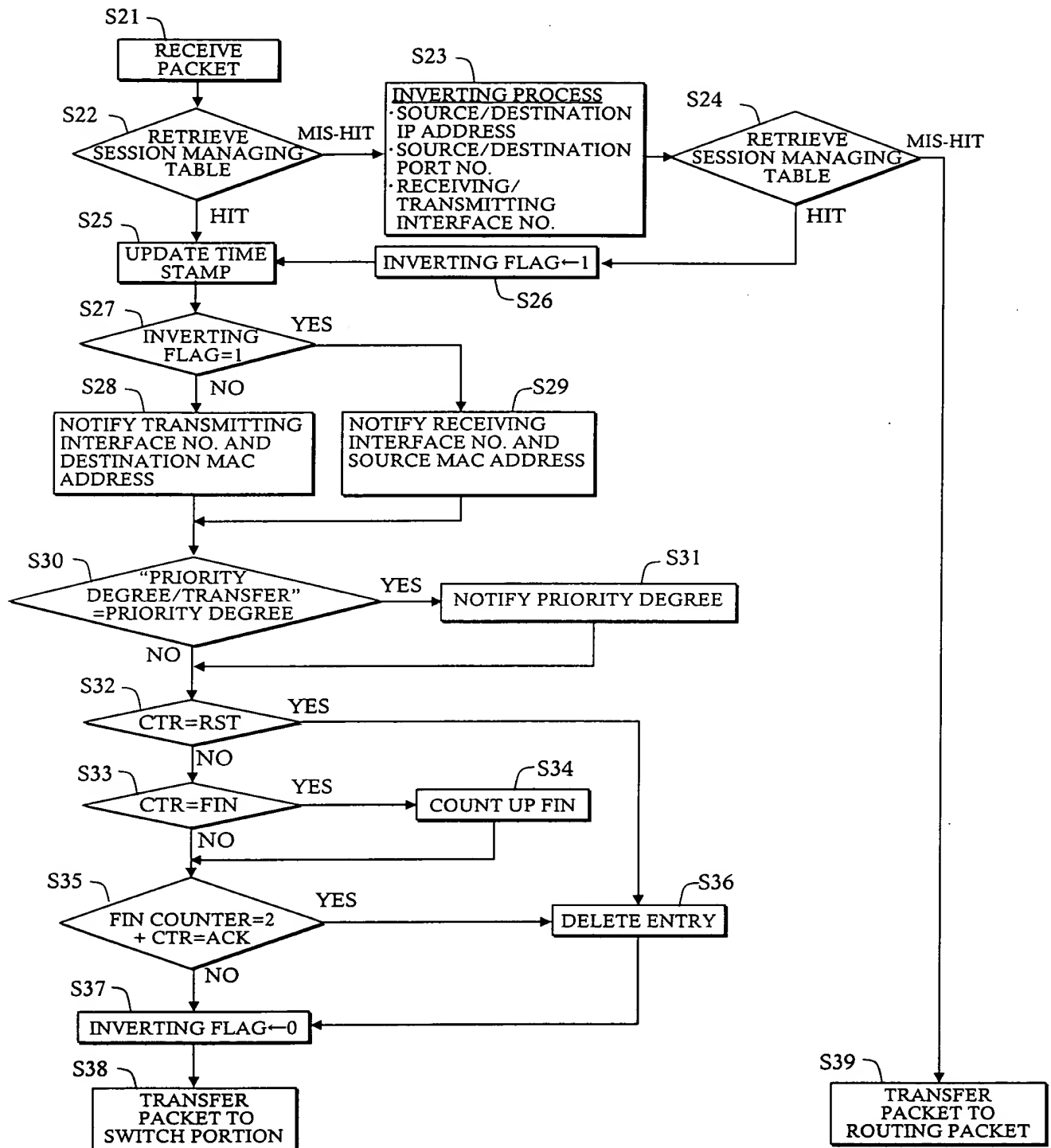


FIG.9A CAM-1

INDEX 1	PROTO- COL NO.	DESTINA- TION PORT NO.	RECEIV- ING INTER- FACE	TRANSMIT- TING INTER- FACE

FIG.9B CAM-2

INDEX 2	SOURCE IP ADDRESS

FIG.9C CAM-3

INDEX 3	DESTINA- TION IP ADDRESS

FIG.9D CAM-4

INDEX 4	SOURCE PORT NO.	PRIORITY DEGREE /TRANS- FER	TIME STAMP	FIN COUNT- ER	DESTINATION MAC ADDRESS POINTER	SOURCE MAC ADDRESS POINTER

FIG.9E CAM-5

INDEX 1	INDEX 2	INDEX 3	INDEX 4

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FIG.10

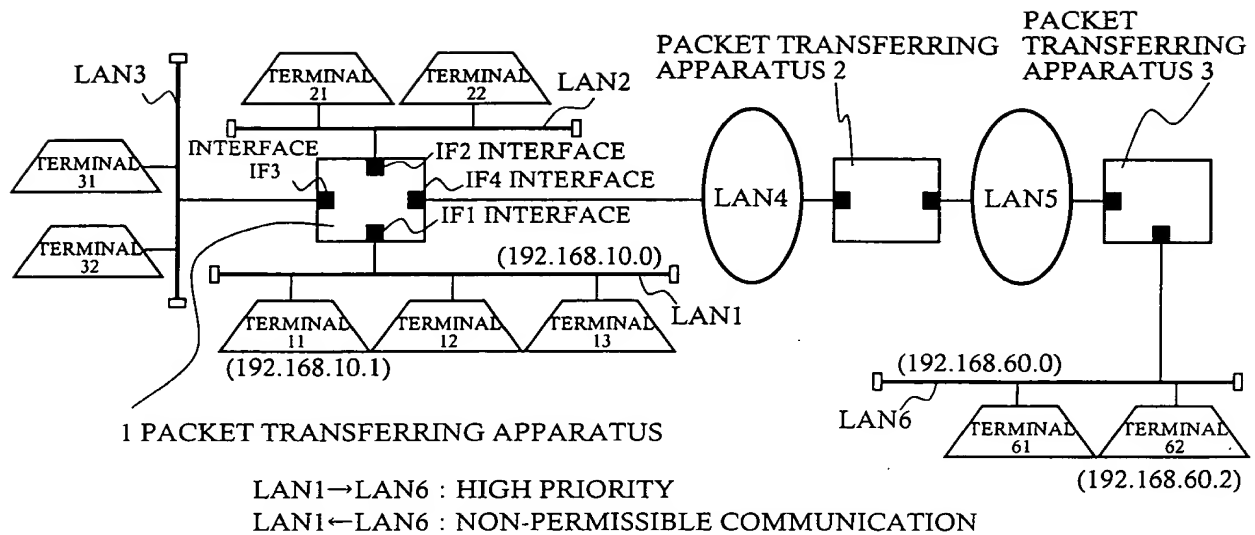


FIG.11  
PRIOR ART

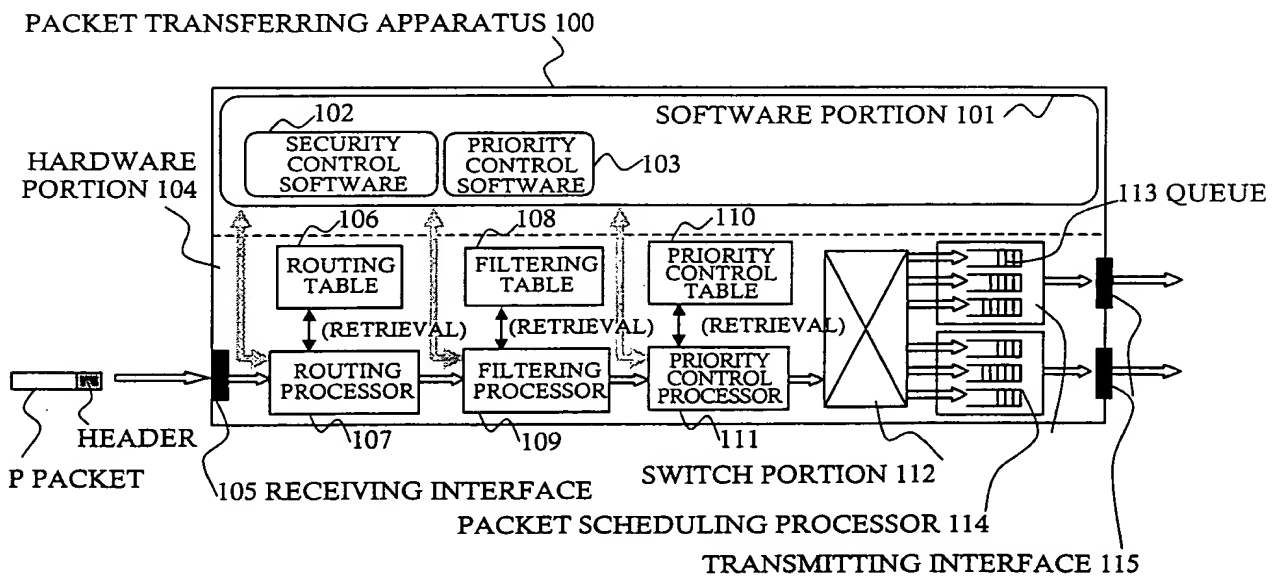


FIG.12A FILTERING CONDITION TABLE

POINTER		PROTO- COL NO.	SOURCE IP ADDRESS	DESTINATION IP ADDRESS	SOURCE PORT NO.	DESTINA- TION PORT NO.	RECEIV- ING INTER- FACE	TRANS- MITTING INTER- FACE	TRANSFER/ ABANDON- MENT	
	●	TCP	150.56.0.0	10.0.0.0					ABANDON- MENT	301
	●	TCP	150.57.0.0	10.0.0.0					ABANDON- MENT	302
	●	UDP	192.168.20.1				IF2		ABANDON- MENT	303
	●	UDP		192.168.20.1				IF2	ABANDON- MENT	304
	●	TCP	192.168.60.0	192.168.10.0					ABANDON- MENT	305
	●									

} CONDITION

FIG.12B      MASK DATA TABLE

1	255.255.0.0	255.0.0.0	00...0	00...0	00...0	00...0	306
1	255.255.255.255	0.0.0.0	00...0	00...0	11...1	00...0	307
1	0.0.0.0	255.255.255.255	00...0	00...0	00...0	11...1	308
1	255.255.255.0	255.255.255.0	00...0	00...0	00...0	00...0	309

} MASK DATA

## TCP PACKET FORMAT



## UDP PACKET FORMAT

